GLOBAL TIMING HIERARCHY

INTERNATIONAL TIMING AUTHORITY LAYER

BIPM - FRANCE

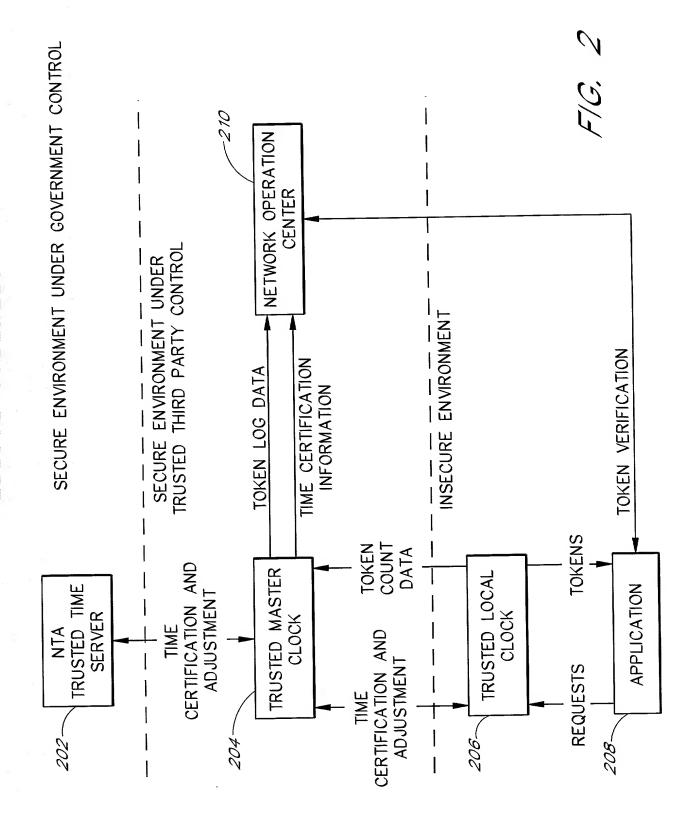
NATIONAL TIMING AUTHORITY LAYER
SYSTEM OF LEGALLY MANDATED CLOCKS

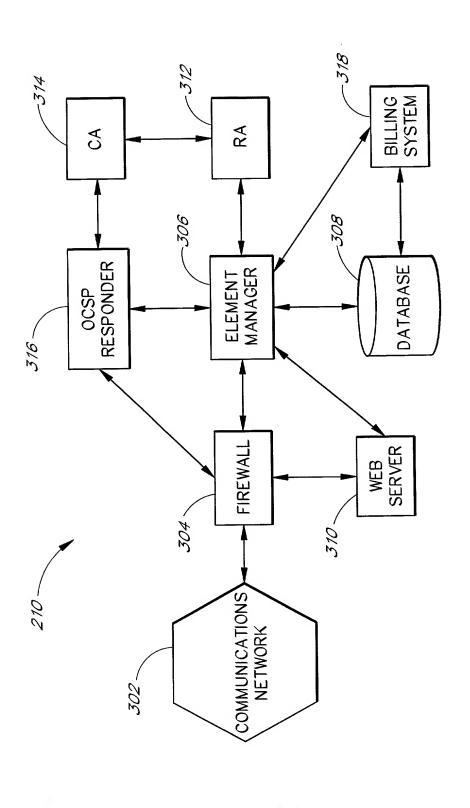
TIME DISTRIBUTION LAYER

GLOBAL TIME DISTRIBUTION FROM NTAS VIA CIRCUIT CONNECTIONS & NTP

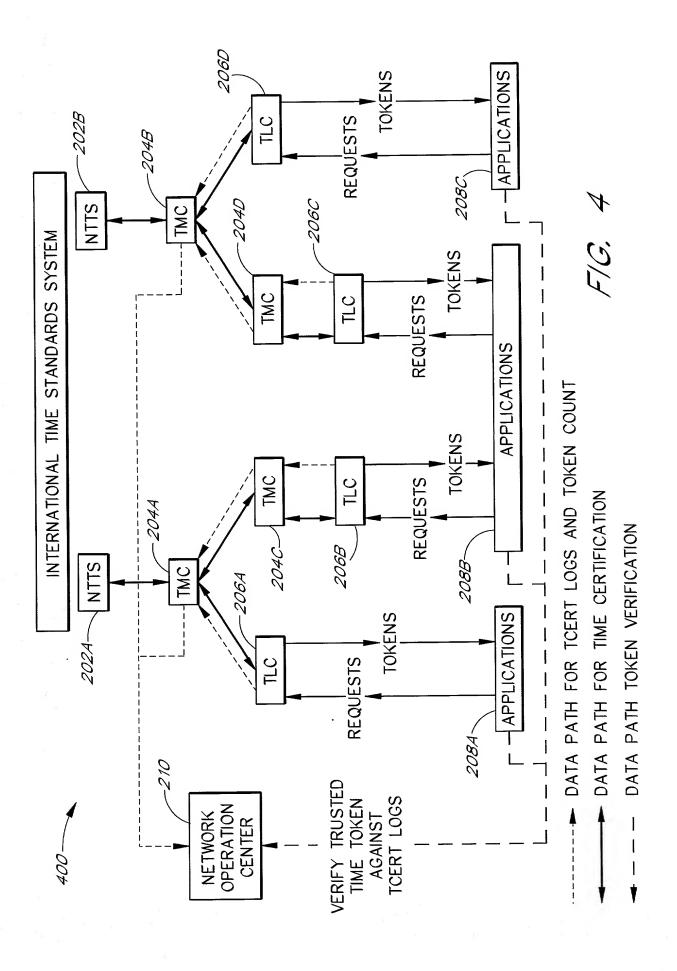
APPLICATION LAYER

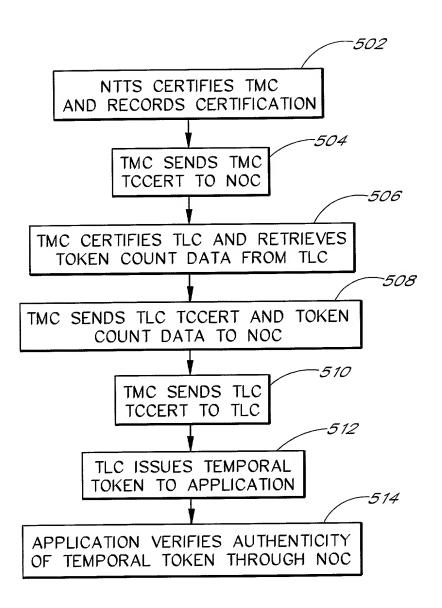
LOCAL CLOCKS IN HOST COMPUTERS FOR APPLICATION USE



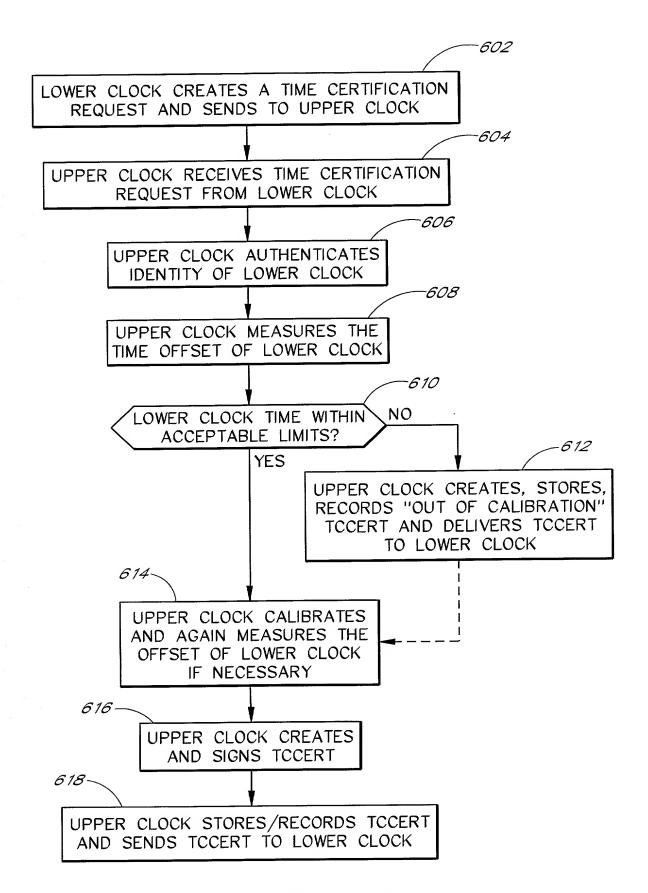


F/G. 3





F/G. 5



F/G. 6

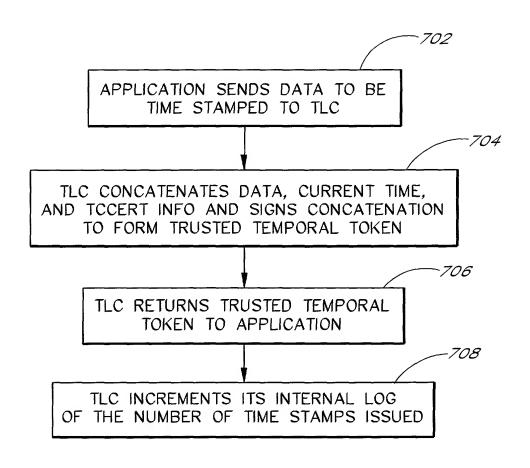
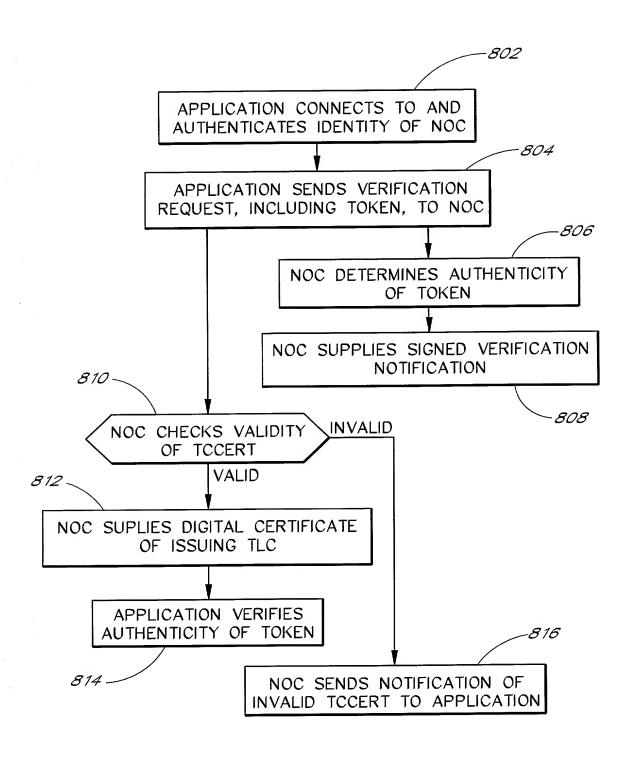


FIG. 7



F/G. 8